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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



22469

PATENT TRADEMARK OFFICE

Art Unit : 1652
Examiner : R. Hutson
Serial No. : 08/808,031
Filed : March 3, 1997
Inventor : Sumiko Inouye
: Mei-Yin Hsu
: Masayori Inouye
: Susan Eagle
: Bert C. Lampson
: Jung Sun
: Jorge Vallejo-Ramirez
Title : PROKARYOTIC REVERSE TRANSCRIPTASE

Docket: 1491-CIP10-00
(Formerly 377.5888P)

Dated: June 29, 2001

AMENDMENT AND ARGUMENT

Box AF
Commissioner for Patents
Washington, DC 20231

Sir:

In response to a Final Official Action dated December 29, 2000, the Applicants amend the application, without prejudice, as follows:

In the Claims

(clean copy as amended)

17. (Twice Amended) The isolated and purified bacterial reverse transcriptase (RT) of claim 13 which RT has in the following order starting from N- to the C- terminus, an amino acid sequence of Asn-Xaa1-Xaa2, where Xaa1 is a hydrophobic residue selected from the group consisting of alanine, leucine and phenylalanine and Xaa2 is a hydrophobic residue selected from the group consisting of leucine, valine and isoleucine, an amino acid sequence of Ser-Xaa3-Xaa4-Xaa5 SEQ ID: 51, wherein Xaa3 is a

Sum
K8
J1